

## PLATINA SCANDIUM PROJECT

### MASTER ALLOY DEVELOPMENT PROGRAM SUCCESSFULLY COMPLETED

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**Platina Resources Limited (Platina or the Company, ASX: PGM)** provides an update on aluminium-scandium master alloy production test work for the Platina Scandium Project (“PSP”) in New South Wales.

The aluminium industry prefers scandium supply via a master alloy “hardener”. Test work has been under way since August 2018 to develop proprietary master alloy production procedures. Conversion of the scandium oxide produced from mining and processing operations into aluminium scandium master alloy is a critical, value-adding part of the supply chain in manufacturing aluminium scandium alloys for end-users.

The test work on master alloy production has been conducted at relatively small scale and has focussed on producing master alloy from scandium oxide, but also from intermediate products from the PSP flowsheet developed for the recently completed Definitive Feasibility Study (“DFS”).

The small scale work has concluded and it has been demonstrated that the procedure developed as part of the test work program can reliably produce 2% scandium-aluminium master alloy from either scandium oxide or from intermediate products in the flowsheet developed in the DFS test work program. Further details are unable to be released at this time whilst Platina examines options for intellectual property protection for the processes developed.

Now that proprietary procedures have been developed, further work may-be undertaken to scale up the process, should potential offtake partners require larger samples.



**Figure 1** - Master alloys produced from 3 different scandium chemicals from intermediate stages within the PSP scandium recovery flowsheet.

Corey Nolan, Managing Director of Platina Resources stated *“Developing procedures that enable Platina to produce scandium-containing master alloy is an important step in being able to provide potential aluminium industry offtake partners with their preferred product. Being able to produce the master alloy from an intermediate product may provide the potential for capital and operating cost reductions in the final flowsheet design”*.

**For further information, please contact:**

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***About Platina Resources Limited***

Platina Resources Limited (ASX: PGM) is an Australian-based exploration and development company focused on precious and specialty metals, particularly platinum group metals (“PGM”) and the strategic metal scandium.

The Company’s flagship project is Owendale in central New South Wales, one of the largest and highest-grade scandium deposits in the world, which has the potential to become Australia’s first scandium producer with cobalt, platinum and nickel credits. A Definitive Feasibility Study is underway and due for completion in late 2018.

The Company also has interests in two gold-platinum group metal projects, including:

- Skaergaard (100% interest) - One of the world’s largest undeveloped gold deposits and one of the largest palladium resources outside of South Africa and Russia, located in Greenland; and
- Munni Munni (30% interest) - Situated in the Pilbara region of Western Australia, the Munni Munni Complex is one of Australia’s most significant PGM occurrences. Munni Munni also has potential for conglomerate hosted gold and is a joint venture with Artemis Resources Limited.

For more information please see: [www.platinaresources.com.au](http://www.platinaresources.com.au)

Statements regarding Platina Resources’ plans with respect to its mineral properties are forward-looking statements. There can be no assurance that Platina Resources’ plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Platina Resources’ will be able to confirm the presence of additional mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of Platina Resources’ mineral properties.